

METHOD, SYSTEM, AND STORAGE MEDIUM FOR MANAGING COMPUTER PROCESSING FUNCTIONS

ABSTRACT

Exemplary embodiments include a method, system, and storage medium for managing computer processing functions in a multi-processor computer environment that includes a standard logical processor and an assist logical processor, each of which share the same operating system instance within a logical partition. The method includes invoking a switch-to service by standard code. The standard code is running on a standard logical processor and is executing a task. The switch-to service checks to see if an assist logical processor is online, and if it finds one, the switch-to service updates an integrated assist field of a work element block associated with the task and assigns a queue to the work element block. The task is dispatched, in accordance with business rules identified in a system control block, on either of said assist logical processor or said standard logical processor.